

Title (en)

MEASUREMENT OF CELEBRAL PHYSIOLOGIC PARAMETERS USING BIOIMPEDANCE

Title (de)

MESSUNG PHYSIOLOGISCHER GEHIRNPARAMETER MITTELS BIOIMPEDANZ

Title (fr)

MESURE DE PARAMÈTRES PHYSIOLOGIQUES CÉRÉBRAUX EN UTILISANT LA BIOIMPÉDANCE

Publication

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Application

EP 13775150 A 20130412

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Abstract (en)

[origin: US2013274615A1] Devices and methods for monitoring intracranial physiological parameters, including intracranial pressure, cerebral perfusion pressure, cerebral blood flow, cerebral blood volume, edema status, and brain compliance are disclosed. In one aspect, an apparatus may involve receiving at least one impedance plethysmography signal. Waveforms may be extracted from the impedance plethysmography signals and used for estimating the intracranial physiological parameters. Various characteristics may be determined from the waveforms to aid in the estimation of intracranial physiological parameters.

IPC 8 full level

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